

ABSTRACT OF THE DISCLOSURE

A method and apparatus is provided for DC level control in a line card. The method includes receiving a digital input signal, determining a first DC component value of the digital input signal at a first preselected time, and determining a second DC component value

5 of the digital input signal at a second preselected time. The method further includes determining a difference between the first DC component value and the second DC component value. The method includes providing the first DC component value to a digital-to-analog converter in response to determining that the difference is less than a first preselected value.

The apparatus includes a digital-to-analog converter and logic. The logic is coupled to the

10 digital-to-analog converter, wherein the logic is capable of receiving a digital input signal, determining a first DC component value of the digital input signal at a first preselected time, and determining a second DC component value of the digital input signal at a second preselected time. The logic is further capable of determining a difference between the first DC component value and the second DC component value, and providing the first DC component value to the digital-to-analog converter in response to determining that the

15 difference is less than a first preselected value.